IN THE CLAIMS

Please amend the claims as follows:

21. (currently amended) A system for redistributing a plurality of audio/video input signals to a plurality of communications interfaces over conductors, comprising

a server,

~~a redistributor for receiving a plurality of input signals, comprising~~

~~for each input signal,~~ at least one demodulator for demodulating the input signals, the server controlling an output channel selection of the input signals responsive to one or more control signals input into the communications interface, and at least one processor for processing the signals for switching, and

~~for each communications interface,~~ at least one switching device for routing the channel selection ~~to an output of the redistributor~~ in the format of an internet protocol, the switching device being controlled by the server responsive to one or more control signals input into the communications interface ~~and transmitted to the redistributor over a twisted pair of a telephone wire which carries a telephone signal, and~~

~~for each demodulated input signal, a processor for processing the signal for switching,~~

wherein the communications interface receives the ~~output of the redistributor~~ channel selection for transmission to a receiving unit connected to the communications interface.

22. (previously added) The system of claim 21 in which the input signals are in different signal formats.

23. (currently amended) The system of claim 21 in which the processors match the impedance of the demodulated input signal to the output impedance ~~of the redistributor~~, raise the baseband of the demodulated input signal, equalize the high frequency components and increase the level of chroma of the demodulated input signal, and increase the peak-to-peak voltage of the demodulated input signal.

24. (currently amended) The system of claim 21 in which the ~~output of the redistributor~~channel selection is transmitted to the communications interface over an unused twisted pair of a telephone wire.

25. (previously added) The system of claim 21 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.

26. (previously added) The system of claim 21 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

27. (currently amended) The system of claim 21 in which the communications interface includes a network interface for transmitting data from a computer as an input signal to the ~~redistributor~~ demodulator~~over a second unused twisted pair in a telephone wire~~.

28. (currently amended) The system of claim 21 in which the communications interface modulates the ~~output of the redistributor~~channel selection to a selected channel of the receiving device.

29. (currently amended) A method of redistributing a plurality of audio/video signals to a plurality of communications interfaces over conductors, comprising the steps of

(a) receiving a plurality of input signals ~~at a signal redistributor~~,

(b) demodulating ~~each~~ the input signals,

(c) processing each the input signals to a format suitable for switching,

(d) ~~switching an output of the redistributor~~selecting a processed input signal for redistribution to one communications interface of the plurality of communications interfaces in the format of an internet protocol, according to one or more control signals input into ~~a~~ the one communications interface ~~and transmitted to the redistributor over a twisted pair of a telephone wire which carries a telephone signal~~, and

(e) routing the ~~output of the redistributor~~selected processed signal to the one communications interface;

~~wherein the output of the redistributor is received by a communications interface~~ for transmission to a receiving device.

30. (previously added) The method of claim 29 in which the input signals are in different signal formats.

31. (currently amended) The method of claim 29 in which the step of processing each input signal to a format suitable for switching comprises matching the impedance of the demodulated input signal to the output impedance ~~of the redistributor~~, raising the baseband of the demodulated input signal, equalizing the high frequency components and increasing the level of chroma of the demodulated input signal, and increasing the peak-to-peak voltage of the demodulated input signal.

32. (currently amended) The method of claim 29 including the step of transmitting the ~~output of the redistributor~~ channel selection to the communications interface over an unused twisted pair of a telephone wire.

33. (previously added) The method of claim 29 in which the communications interface includes an optical interface for receiving the one or more control signals from an infrared remote control device.

34. (previously added) The method of claim 29 in which the communications interface includes a data interface for receiving data from a keyboard, joystick, card reader, bar code reader or other data providing device.

35. (currently amended) The method of claim 29 in which the communications interface includes a network interface for communicating data from a computer as an input signal to the ~~redistributor demodulator over a second unused twisted pair in a telephone wire~~.

36. (currently amended) The method of claim 29 including the step of modulating the ~~output of the redistributor~~ channel selection to a selected channel of the receiving device.